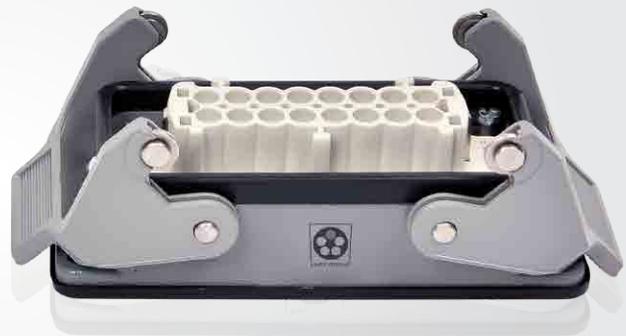


EPIC[®] SMART Industrial Connectors

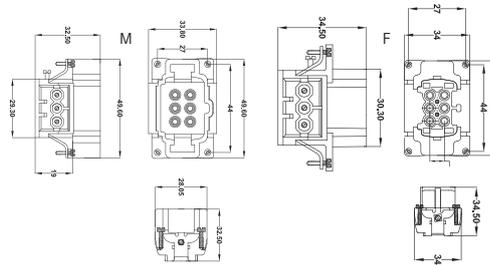
Product Catalogue





EPIC® SMART 6 Screw termination

The proven standard inserts for easy assembly



Info

- Proven screw for easy installation

Suitable housing

- EPIC® SMART 6 Housings

Benefits

- Standard inserts with screw termination, easy to install
- The EPIC® SMART series is suitable for applications that require a reliable connection when working with high voltages and currents
- Cost effective solution for basic industrial power and control connectivity

Application range

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

Suitable tools

- PEW 8.186 crimping pliers
- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt®
- Recommended crimping tool when conductor end-sleeves are used: MULTICRIMP 6

Technical data

	ETIM 5.0 Class-ID: EC000438 ETIM 5.0 Class-Description: Contact insert for industrial connectors		Contacts EPIC® SMART 6 Screw termination Copper alloy, hard silver-plated
	Rated voltage (V) IEC: 500 V UL: 600 V		Number of contacts 6 + PE
	Rated impulse voltage 6 kV		Termination methods EPIC® SMART 6 Screw termination Screw termination: 0.5 - 2.5 mm ²
	Rated current (A) EPIC® SMART 6 Screw termination IEC: 16 A UL: 16 A	Stripping length (mm) EPIC® SMART 6 Screw termination 8	
	Degree of soiling 3	Contact resistance EPIC® SMART 6 Screw termination < 1 mOhm	Cycle of mechanical operation 500
			EPIC® SMART 6 Screw termination UL-tested: UL File Number: E490507
			Temperature range -40°C to +125°C

Scope

- Contacts are in the scope of inserts

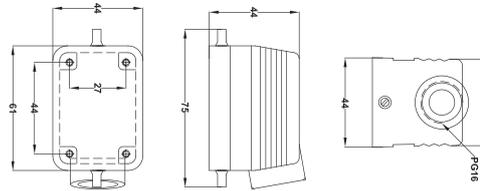
Article number	Article description	Contact type	Wire protection	Number of operating contacts	Pieces / PU
SMART 6 screw termination					
8210190000	EPIC®SMART 6 SS	male	yes	1 - 6	10
8210191000	EPIC®SMART 6 BS	female	yes	1 - 6	10

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® SMART 6 TS

Housing design SMART. The industry standard.



Info

- Non-slip ridges for comfortable disconnecting

Benefits

- The smallest housing out of the SMART series. For inserts with high electrical properties
- Housing design with industry standard having single lever locking system

Application range

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

Product features

EPIC® SMART 6 TS

- Hood, low version
- Bolts for single lever
- Side cable entry
- Versions with neck

Suitable inserts

- Refer Product EPIC® SMART 6

Technical data

ETIM ETIM 5.0 Class-ID: EC000437
ETIM 5.0 Class-Description: Housing for industrial connectors

Material
Housing: powder-coated aluminium alloy, RAL 7037
Lever: zinc-plated stainless steel
Sealing: NBR

IP **Protection rating**
IP 65 (latched) for coupled connector

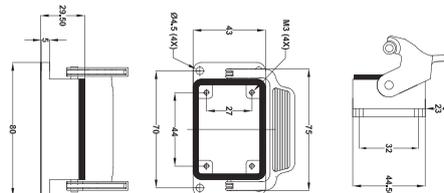
Certified production control:
UL-tested:
UL File Number: E490507

Temperature range
-40°C to +125°C

Article number	Article description	PG	Neck	Pieces / PU
SMART housing: hood (side cable entry, bolts for single lever)				
8210022000	SMART 6 TS 16	16	yes	10

EPIC® SMART 6 AG-LB

Housing design SMART. The industry standard.



Info

- Non-slip ridges for comfortable disconnecting
- More interior space for wiring

Benefits

- The smallest housing out of the SMART series. For inserts with high electrical properties
- Housing design with industry standard having single lever locking system

Application range

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

Product features

EPIC® SMART 6 AG-LB

- Panel-mount base
- Single lever
- Included: flat gasket

Suitable inserts

- Refer Product EPIC® SMART 6

Technical data

ETIM ETIM 5.0 Class-ID: EC000437
ETIM 5.0 Class-Description: Housing for industrial connectors

Material
Housing: powder-coated aluminium alloy, RAL 7037
Lever: zinc-plated stainless steel
Sealing: NBR

IP **Protection rating**
IP 65 (latched)

Certified production control:
UL-tested:
UL File Number: E490507

Temperature range
-40°C to +125°C

Article number	Article description	Pieces / PU
SMART housing: Panel-mount base single lever		
8210003000	SMART 6 TS 16	10

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Accessories

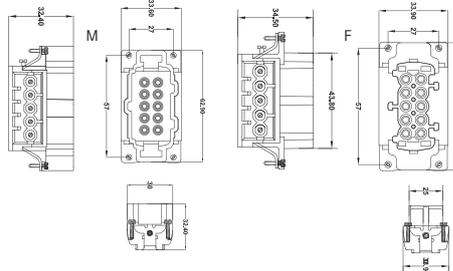
EPIC® SMART 6 TSH

- SKINTOP® MS-M



EPIC® SMART 10 Screw termination

The proven standard inserts for easy assembly



Info

- Proven screw for easy installation

Suitable housing

- EPIC® SMART 10 Housings

Benefits

- Standard inserts with screw termination, easy to install
- The EPIC® SMART series is suitable for applications that require a reliable connection when working with high voltages and currents
- Cost effective solution for basic industrial power and control connectivity

Application range

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

Suitable tools

- PEW 8.186 crimping pliers
- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt®
- Recommended crimping tool when conductor end-sleeves are used: MULTICRIMP 6

Scope

- Contacts are in the scope of inserts

Technical data

ETIM	ETIM 5.0 Class-ID: EC000438 ETIM 5.0 Class-Description: Contact insert for industrial connectors	Contacts EPIC® SMART 10 Screw termination Copper alloy, hard silver-plated
Rated voltage (V)	IEC: 500 V UL: 600 V CSA: 600 V Rated impulse voltage 6 kV	Number of contacts 10 + PE
Rated current (A)	EPIC® SMART 10 Screw termination IEC: 16 A UL: 16 A CSA: 16 A	Termination methods EPIC® SMART 10 Screw termination Screw termination: 0.5 - 2.5 mm ²
Degree of soiling	3	Cycle of mechanical operation 500
Contact resistance	EPIC® SMART 10 Screw termination < 1 mOhm	EPIC® SMART 10 Screw termination UL-tested: UL File Number: E490507
		Temperature range -40 °C to +125 °C

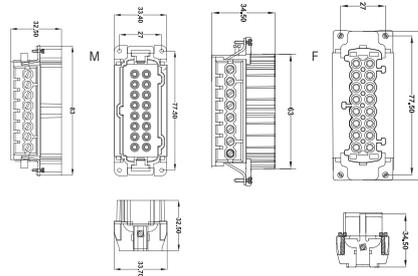
Article number	Article description	Contact type	Wire protection	Number of operating contacts	Pieces / PU
SMART 10 screw termination					
8210192000	EPIC®SMART 10 SS	male	yes	1 - 10	10
8210193000	EPIC®SMART 10 BS	female	yes	1 - 10	10

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® SMART 16 Screw termination

The proven standard inserts for easy assembly



Info

- Proven screw for easy installation

Suitable housing

- EPIC® SMART 16 Housings

Benefits

- Standard inserts with screw termination, easy to install
- The EPIC® SMART series is suitable for applications that require a reliable connection when working with high voltages and currents
- Cost effective solution for basic industrial power and control connectivity

Application range

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

Suitable tools

- PEW 8.186 crimping pliers
- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt®
- Recommended crimping tool when conductor end-sleeves are used: MULTICRIMP 6

Scope

- Contacts are in the scope of inserts

Technical data

	ETIM 5.0 Class-ID: EC000438 ETIM 5.0 Class-Description: Contact insert for industrial connectors		Contacts EPIC® SMART 16 Screw termination Copper alloy, hard silver-plated
	Rated voltage (V) IEC: 500 V UL: 600 V CSA: 600 V Rated impulse voltage 6 kV		Number of contacts 16 + PE
	Rated current (A) EPIC® SMART 16 Screw termination IEC: 16 A UL: 16 A CSA: 16 A		Termination methods EPIC® SMART 16 Screw termination Screw termination: 0.5 - 2.5 mm ²
	Degree of soiling 3		Cycle of mechanical operation 500
	Contact resistance EPIC® SMART 16 Screw termination < 1 mOhm		EPIC® SMART 16 Screw termination UL-tested: UL File Number: E490507 Temperature range -40°C to +125°C

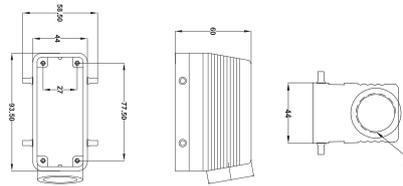
Article number	Article description	Contact type	Wire protection	Number of operating contacts	Pieces / PU
SMART 16 screw termination					
8210194000	EPIC®SMART 16 SS	male	yes	1 - 16	10
8210195000	EPIC®SMART 16 BS	female	yes	1 - 16	10

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® SMART 16 TS

Housing design SMART. The industry standard.



Info

- Non-slip ridges for comfortable disconnecting

Benefits

- The smallest housing with single and double lever. The right housing is available for every application

Application range

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

Product features

EPIC® SMART 16 TS

- Hood, low version
- Bolts for double lever
- Side cable entry
- Versions with neck

Suitable inserts

- Refer Product EPIC® SMART 16

Technical data



ETIM 5.0 Class-ID: EC000437
ETIM 5.0 Class-Description:
Housing for industrial connectors



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)

Certified production control:
UL-tested:
UL File Number: E490507

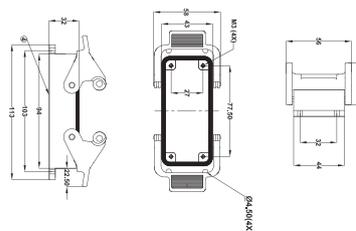


Temperature range
-40°C to +125°C

Article number	Article description	PG	Neck	Pieces / PU
SMART housing: hood (side cable entry, double lever, high version)				
8210082000	SMART 16 TS 16	21	yes	10

EPIC® SMART 16 AG

Housing design SMART. The industry standard.



Info

- Double lever version with 2 levers for increased safety

Benefits

- The smallest housing with single and double lever. The right housing is available for every application

Application range

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

Product features

EPIC® SMART 16 AG

- Panel-mount base
- Double levers
- Included: flat gasket

Suitable inserts

- Refer Product EPIC® SMART 16

Technical data



ETIM 5.0 Class-ID: EC000437
ETIM 5.0 Class-Description:
Housing for industrial connectors



Material
Housing: powder-coated aluminium alloy, grey
Lever: zinc-plated steel
Sealing: NBR



Protection rating
IP 65 (latched)

Certified production control:
UL-tested:
UL File Number: E490507



Temperature range
-40°C to +125°C

Article number	Article description	Pieces / PU
SMART housing: panel-mount base (double lever)		
8210072000	SMART 16 AG	10

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Accessories

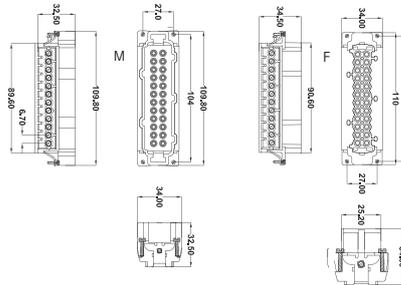
EPIC® SMART 16 TSH

- SKINTOP® MS-M



EPIC® SMART 24 Screw termination

The proven standard inserts for easy assembly



i Info

- Proven screw for easy installation

Suitable housing

- EPIC® SMART 24 Housings

Benefits

- Standard inserts with screw termination, easy to install
- The EPIC® SMART series is suitable for applications that require a reliable connection when working with high voltages and currents
- Cost effective solution for basic industrial power and control connectivity

Application range

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

Suitable tools

- PEW 8.186 crimping pliers
- MULTICRIMP 6 crimping pliers
- Kraftform® adjustable torque screwdriver/ Kraftform Kompakt®
- Recommended crimping tool when conductor end-sleeves are used: MULTICRIMP 6

Scope

- Contacts are in the scope of inserts

Technical data

ETIM 5.0 Class-ID: EC000438
ETIM 5.0 Class-Description: Contact insert for industrial connectors

Rated voltage (V)
IEC: 500 V
UL: 600 V
CSA: 600 V
Rated impulse voltage
6 kV

Rated current (A)
EPIC® SMART 24 Screw termination
IEC: 16 A
UL: 16 A
CSA: 16 A

Degree of soiling
3

Contact resistance
EPIC® SMART 24 Screw termination
< 1 mOhm

Contacts
EPIC® SMART 24 Screw termination
Copper alloy, hard silver-plated

Number of contacts
24 + PE

Termination methods
EPIC® SMART 24 Screw termination
Screw termination: 0.5 - 2.5 mm²

Cycle of mechanical operation
500

EPIC® SMART 24 Screw termination
UL-tested:
UL File Number: E490507

Temperature range
-40°C to +125°C

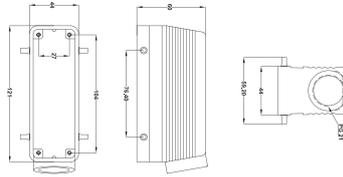
Article number	Article description	Contact type	Wire protection	Number of operating contacts	Pieces / PU
SMART 24 screw termination					
8210196000	EPIC®SMART 24 SS	male	yes	1 - 24	10
8210197000	EPIC®SMART 24 BS	female	yes	1 - 24	10

Photographs are not to scale and do not represent detailed images of the respective products.



EPIC® SMART 24 TS

Housing design SMART. The industry standard.



Info

- Non-slip ridges for comfortable disconnecting

Benefits

- The smallest housing with single and double lever. The right housing is available for every application

Application range

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

Product features

EPIC® SMART 24 TS

- Hood, low version
- Bolts for double lever
- Side cable entry
- Versions with neck

Suitable inserts

- Refer Product EPIC® SMART 24

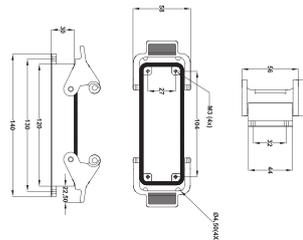
Technical data

	ETIM 5.0 Class-ID: EC000437 ETIM 5.0 Class-Description: Housing for industrial connectors
	Material Housing: powder-coated aluminium alloy, grey Lever: zinc-plated steel Sealing: NBR
	Protection rating IP 65 (latched)
	Certified production control: UL-tested: UL File Number: E490507
	Temperature range -40°C to +125°C

Article number	Article description	PG	Neck	Pieces / PU
SMART housing: hood (side cable entry, double lever, high version)				
8210113000	SMART 24 TS 16	21	yes	10

EPIC® SMART 24 AG

Housing design SMART. The industry standard.



Info

- Double lever version with 2 levers for increased safety

Benefits

- The smallest housing with single and double lever. The right housing is available for every application

Application range

- Machine tool industries
- Automotive and material handling systems
- Measurement, testing and control engineering
- Industrial machinery and appliances
- Drive systems and industrial automation
- Textile

Product features

EPIC® SMART 24 AG

- Panel-mount base
- Double levers
- Included: flat gasket

Suitable inserts

- Refer Product EPIC® SMART 24

Technical data

	ETIM 5.0 Class-ID: EC000437 ETIM 5.0 Class-Description: Housing for industrial connectors
	Material Housing: powder-coated aluminium alloy, grey Lever: zinc-plated steel Sealing: NBR
	Protection rating IP 65 (latched)
	Certified production control: UL-tested: UL File Number: E490507
	Temperature range -40°C to +125°C

Article number	Article description	Pieces / PU
SMART housing: panel-mount base (double lever)		
8210102000	SMART 24 AG	10

Photographs are not to scale and do not represent detailed images of the respective products.

Accessories

EPIC® SMART 24 TSH

- SKINTOP® MS-M

ÖLFLEX®

UNITRONIC®

ETHERLINE®

HITRONIC®

EPIC®

SKINTOP®

SILVYN®

FLEXIMARK®



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